

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

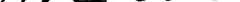
Complete if Known

(use as many sheets as necessary)

Application Number	Not Yet Assigned
Filing Date	October 7, 2005
First Named Inventor	Akihiro ISHII
Art Unit	Not Yet Assigned 1623
Examiner Name	Not Yet Assigned
Attorney Docket Number	038788.56805US

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
<i>[Handwritten initials]</i>	1	JP 1-272585	10/31/1989	Central Glass Co., Ltd.		X
	2	JP 57-102889	08/28/1982	Toyo Jozo Co., Ltd.		X

Examiner Signature	L. E. Crane 	Date Considered	04/23/2007
-----------------------	---	--------------------	------------

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/552,463 - PTO-1449 #1

COPY FOR [] File ☒ Applicant

10/552463

JC09 Rec'd PCT/PTO 17 OCT 2005

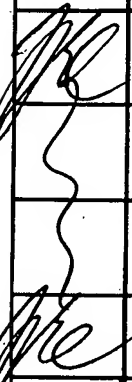
PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0551-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not Yet Assigned
		Filing Date	October 7, 2005
		First Named Inventor	Akihiro ISHII
		Art Unit	Not Yet Assigned 1623
		Examiner Name	Not Yet Assigned
Sheet 2 of 2	Attorney Docket Number	038788.56805US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3	Yoshiko SATO et al., "Synthesis and Hpnotic and Anti-Human Immunodeficiency Virus-1 Activities of N3-Substituted 2'-Deoxy-2'-fluorouridines", Chem.Pharm.Bull., Vol. 42, 1994, pages 595-598	
	4	Morio IKEHARA et al., "Studies on Nucleosides and Nucleotides. LXXXIX. Purine Cyclonucleosides. (43) Synthesis and Properties of 2'-Halogeno-2'-deoxyguanosines", Chem.Pharm.Bull., Vol. 29, 1981, pages 3281-3285	
	5	Morio IKEHARA et al., "Studies on Nucleosides and Nucleotides. LXXXVII. Purine Cyclonucleosides. XLII. Synthesis of 2'-deoxy-2'-fluoroguanosines", Chem.Pharm.Bull., Vol. 29, 1981, pages 1034-1038	
	6	International Search Report dated August 3, 2004 based on International Application No. PCT/JP2004/005109, filed April 9, 2004	

Examiner Signature	L. E. Crane 	Date Considered	04/23/2007
--------------------	---	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.


10/552,463 - PTO-1449 #1

COPY FOR [] File [X] Applicant

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	10/552,463		
		Filing Date	October 7, 2005		
		First Named Inventor	Akihiro ISHII		
		Art Unit	(To Be Assigned) 1623		
		Examiner Name	(To Be Assigned)		
Sheet 1	1	of	1	Attorney Docket Number	038788.56805US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
**	AA	YOSHIO SATO, ET AL., "Synthesis and Hypnotic and Anti-Human Immunodeficiency Virus-1 Activities of N³-Substituted 2'-Deoxy-2'Fluorouridines", Chem. Pharm. Bull., March 1994, pp. 595-598, vol. 42, no. 3, Japan	
**	AB	MORIO IKEHARA, ET AL., "Studies on Nucleosides and Nucleotides. LXXXVII.¹⁾ Purine Cyclonucleosides. XLII. Synthesis of 2'-Deoxy-2'Fluoroguanosine", Chem. Pharm. Bull., pp. 1034-1038, vol. 29, no. 4, Japan	
**	AC	MORIO IKEHARA, ET AL., "Studies on Nucleosides and Nucleotides. LXXXIX. Purine Cyclonucleosides. (43). Synthesis and Properties of a 2'-Halogeno-2'-Deoxyguanosines¹⁾", Chem. Pharm. Bull., 1981, pp. 3281-3285, vol. 29, no. 11, Japan	

Examiner Signature	L. E. Crane 	Date Considered	04/23/2007
--------------------	---	-----------------	------------

** Duplicate citation: see PTO-1449 #1 for original citation.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

01/18/06

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/552,463
		Filing Date	October 7, 2005
		First Named Inventor	Akihiro ISHII
		Art Unit	(To Be Assigned) 1623
		Examiner Name	(To Be Assigned)
Sheet 1 of 1	Attorney Docket Number	038788.66805US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MC	AA 2	JOHN F. CODINGTON, ET AL., "Synthesis of 2'-Fluorothymidine, 2'-Fluorodeoxyuridine, and other 2'-Halogeno-2'-Deoxy Nucleosides", Nucleosides, 1984, pp. 558-563, vol. 29. (MARCH).	
	AB 2	R. RANGANATHAN, "Modification of the 2'-Position of Purine Nucleosides: Syntheses of 2'-α-Substituted-2'-Deoxyadenosine Analogs", Tetrahedron Letters, 1977, pp. 1291-1994, No. 15, Pergamon Press.	
MC	AC 2	MORIO IKEHARA, ET AL., "Studies of Nucleosides and Nucleotides LXXXVI ¹ Purine Cyclonucleosides 41 A New Synthesis of 2-Deoxy-2'-Fluoradenosine By the Use of Tetrahydrofuranyl Protecting Group" J. Carbohydrates Nucleosides Nucleotides, (1980), pp. 131-140, vol. 7, no. 2.	

Examiner Signature	L. E. Crane	Date Considered	04/23/2007
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/552,463 - PTO-1449 #3

COPY FOR [] File ☒ Applicant